

ABSTRACT

A wheel chock apparatus includes a chock body for chocking a tire of a vehicle such as a semi-trailer prior to loading or unloading the trailer by a towmotor at a docking bay. When properly positioned, the chock body prevents movement of the vehicle away from the docking bay during the loading or unloading operation. Such movement poses a possible hazard to the cargo being loaded or unloaded, to the equipment performing the loading/unloading operations, and to the operator of such equipment. The chock body includes a sensor mounted on or embedded in the body, which is capable of detecting a properly chocked tire. The sensor is electrically connected to a microcontroller programmed to control an indicator, such as a visual light or audible alarm, that will alert an equipment operator on the docking bay as to whether the driver of the vehicle has properly chocked the tires.

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